

Claims

1. A device for subcutaneous administration of a medicament to a patient, comprising:

- 5 - a cannula housing (1) with an interior chamber;
- a cannula (2) connected to the cannula housing (1) and being in flow communication with the interior chamber;
- a tubing (4) manufactured from a flexible material and having a first end (4') and a second end (4''), wherein the tubing (4) is, at the first end (4'), coupled
- 10 to the cannula housing (1) in such a manner that the tubing (4) is in flow communication with the interior chamber; and wherein the tubing (4), at the other end, carries a source coupling (5), by which the tubing (4) can be coupled to a source for said medicament,

characterised in

- 15 - that, at least over a part of its length, the tubing comprises a longitudinally extending, external groove (12) and a longitudinally extending, external protrusion (11) arranged diametrically opposite the groove (12) and complementary with said groove (12); and
- that, using the flexibility of its material, the groove (12) is configured
- 20 for being able to receive and secure the protrusion (11) in a releasable manner in a configuration of the tubing (4), in which the tubing (4) is folded (9) for forming parallel courses of tubing (14, 24, 34).

25 2. A device according to claim 1, **characterised in** that the tubing (4) with the groove (12) and the protrusion (11) is manufactured by extrusion of a plastics material.

30 3. A device according to the preceding claim, **characterised in** that the protrusion (11) is dovetail-shaped.

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4. A device for subcutaneous administration of a medicament to a patient, comprising:

- a cannula housing (1) with an interior chamber;
- a cannula (2) connected to the cannula housing (1) and being in flow communication with the interior chamber;

- a tubing (4) manufactured from a flexible material and having a first end (4') and a second end (4''), wherein the tubing (4) is, at the first end (4'), coupled to the cannula housing (1) in such a manner that the tubing (4) is in flow communication with the interior chamber; and wherein the tubing (4), at the other end, carries a source coupling (5), by which the tubing (4) can be coupled to a source for said medicament,

characterised in

- a holder device (10) for securing the tubing (4) in a configuration, in which the tubing (4) is folded for forming at least two parallel courses of tubing (14, 24, 34), and
- said holder device (10) comprising a plate with at least two parallel grooves (12) configured for being able to receive and secure said courses of tubing (14, 24, 34) in a releasable manner in said configuration of the tubing (4).

5. A device according to any one of the preceding claims, **characterised in** that the tubing (4) is folded for forming at least three essentially parallel courses (14, 24, 34) of tubing.

6. An extruded flexible tubing, in particular for use in connection with a device according to one of the preceding claims 1-3, **characterised in**

- that the tubing (4) is, at least over a part of its length, provided with a longitudinally extending, external groove (12) and a longitudinally extended protrusion (11) complementary therewith and arranged diametrically opposite the groove (12); and

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- that, using the flexibility of the tubing (4), the groove (12) is configured for being able to receive and secure the protrusion (11) in a releasable manner in a configuration of the tubing (4), in which the tubing (4) is folded for forming parallel courses (14, 24, 34) of tubing.

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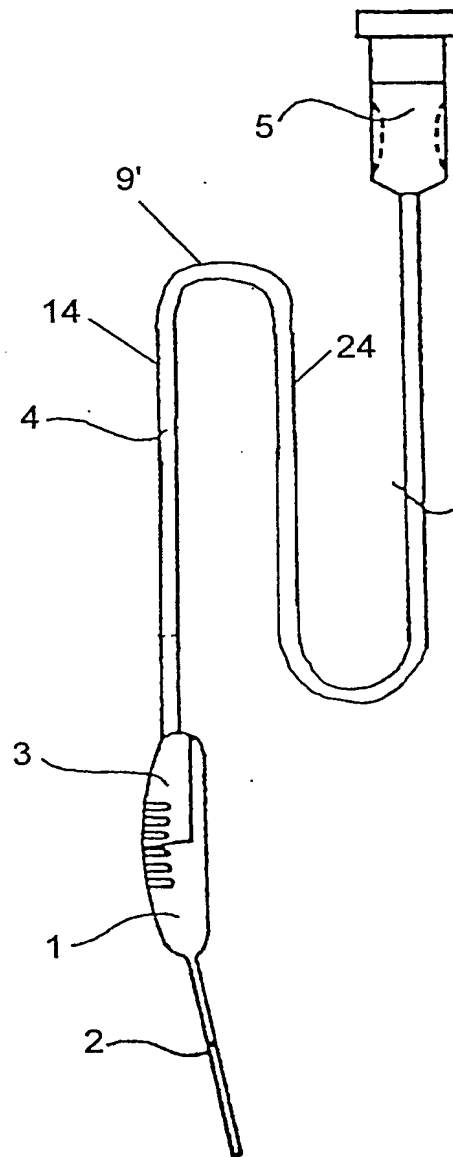


Fig. 2